

REMARKS

Claims 1-32 are pending in the application. Claims 1-8, 19-24, 29-30 and 32 are rejected. Claims 9-18, 25-28 and 31 are objected to. Claims 1, 10, 22, 29 and 31 have been amended. Claims 9 and 27 have been cancelled.

Claim 1 has been amended to include the limitations of objected claim 9. Claim 22 has been amended to include the limitations of objected claim 27. Claims 2-8 and 10-21 depend from claim 1. Claims 23-26 and 28 depend from claim 22. Therefore claims 1-8, 10-26, and 28 are believed to be allowable over the references of record.

Claim 29 has been amended to include "...wherein the passive filter is a second order low pass filter ...". The references of record do not show, teach, or suggest the above limitations of claim 29. Claims 30-32 depend from claim 29. Therefore, claims 29-32 are believed to be allowable over the references of record.

It is believed that the above remarks and amendments are fully responsive to the Official Action. Reconsideration and allowance are therefore respectfully requested.

Respectfully submitted,



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